



SC - SERIES
ROTARY SCREW AIR COMPRESSORS
40 HP AND 50 HP



5 YEARS
LIMITED
WARRANTY

- › 100% CONTINUOUS DUTY OPERATION
- › RUGGED AND RELIABLE
- › HIGH-EFFICIENCY ROTARY AIRENDS
- › EFFICIENT SEPARATOR SYSTEM
- › SMALL FOOTPRINT
- › QUIET
- › ENERGY-SAVING MODELS EQUIPPED WITH DVS - DV VARIABLE SPEED

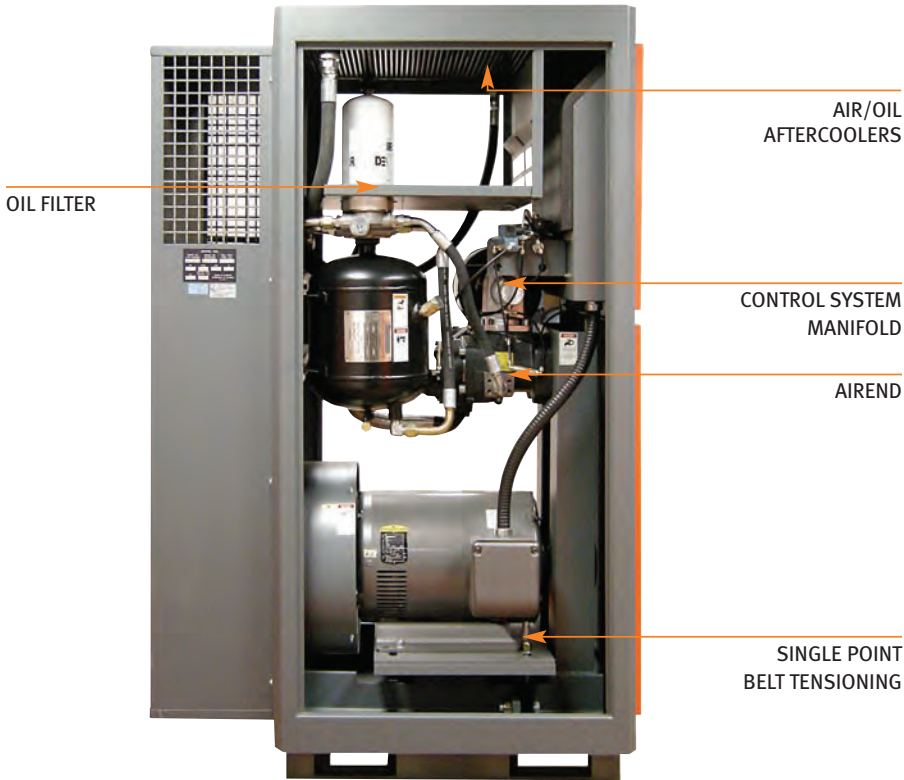
100+ YEARS OF ENGINEERING & MANUFACTURING EXCELLENCE

BUILT BETTER
SCREW COMPRESSORS



SC - SERIES ROTARY SCREW AIR COMPRESSOR

40 HP AND 50 HP



OIL FILTER

AIR/OIL
AFTERCOOLERS

CONTROL SYSTEM
MANIFOLD

AIREND

SINGLE POINT
BELT TENSIONING

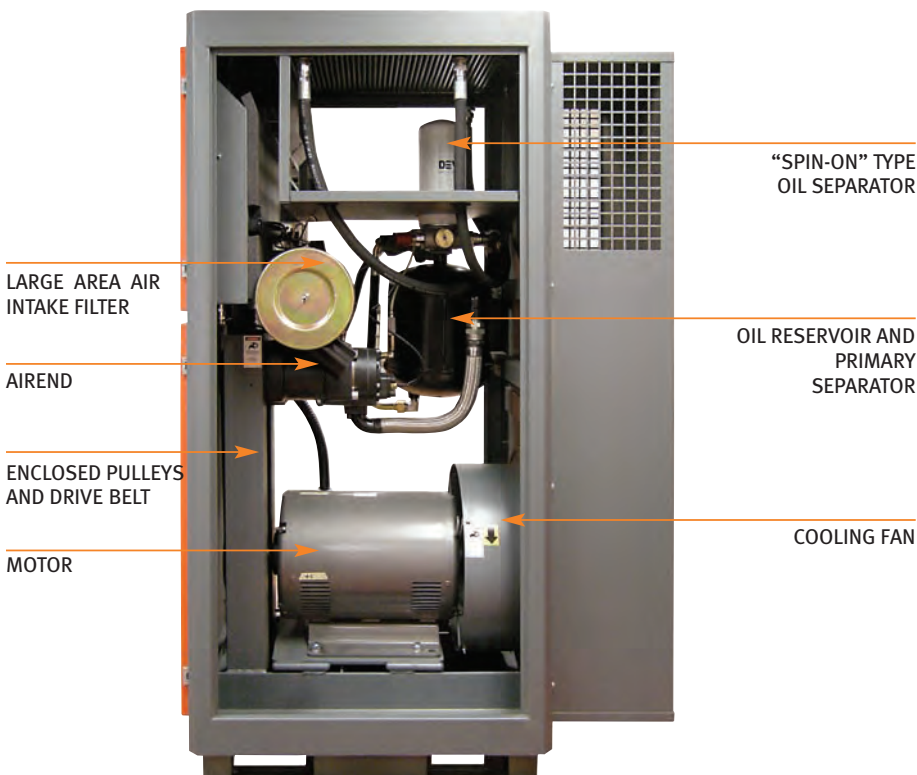


NEW!
PRECISION E-12 AIREND



CSC200 CONTROLLER

- REAL TIME CLOCK WITH 28 SETTINGS FOR SEVEN DAYS OF WEEK
- START AND STOP BASED ON REAL TIME CLOCK
- REMOTE START AND STOP TERMINAL
- REMOTE ALARM SIGNAL DIGITAL OUTPUT
- OPTIONAL SEQUENCING MODE FOR UP TO THREE COMPRESSORS
- BUILT IN ABILITY TO OPTIMIZE ENERGY USE WITH THE OPTIONAL DVS MODULE



LARGE AREA AIR
INTAKE FILTER

"SPIN-ON" TYPE
OIL SEPARATOR

AIREND

OIL RESERVOIR AND
PRIMARY
SEPARATOR

ENCLOSED PULLEYS
AND DRIVE BELT

MOTOR

COOLING FAN

"EASY ACCESS"
CABINET DESIGN

BUILT BETTER

STANDARD FEATURES

- High-efficiency Enduro Plus® airends
- Belt drive to give maximum flexibility in pressure selection
- Single point belt-tensioning system
- Heavy-duty powder coated metal cabinet
- High quality North American “T Frame” industrial electric motors
- Easy to replace “spin-on” oil filter & separators
- SAE “O” rings and compression fittings
- High temperature shutdown
- Energy efficient operation
- 3 micron, water-resistant air filtration material
- Clean, reliable and highly visible control panel
- High-performance hoses with JIC style fittings
- High thermal capacity aluminum oil cooler with integrated air after-cooler
- Factory supplied with synthetic oil coolant
- PLC control for load/no-load and auto shut-off
- Easy access CRN, ASME air/oil receiver facilitates oil changes

OPTIONAL ENERGY SAVING DVS DV VARIABLE SPEED MODULE

DVS module constantly matches the energy use with air demand, as your air consumption rate changes.

DVS will smoothly adjust the motor speed to maximize energy efficiency. The motor and variable speed module are matched to provide optimum performance and reliability at all times.



RUGGEDLY BUILT

Heavy steel cabinets, are powder coated to withstand the wear and tear of industrial environments for many years. Sound attenuating foam barriers with oil resistant coating reduce noise levels.

CLEAN DESIGN

The vertical design not only gives these compressors a small footprint, but allows more interior room to give easy access to components. Two removable panels and two hinged doors give full height access to the interior of the compressor. This approach results in quick fluid changes and shorter downtime related to maintenance.

RELIABLE

Designed and built by DV Systems in Ontario, Canada, Highest quality components from internationally renowned suppliers ensure that your compressor will deliver for you year after year. SC-series compressors feature “JIC” style hydraulic fittings, reverse rotation sensors and Wye Delta starters. Air/oil receivers are CRN/ASME approved, and the entire assembly has the QPS seal of approval. Our team of designers and builders is readily available should you require assistance.

LONG LIFE EXPECTANCY AIRENDS

Powerful oil bathed airends have no metal to metal contact and are designed to offer the longest trouble-free performance when serviced according to our recommendations.

THE SC COMPRESSOR PACKAGES WITH AIR DRYER AND AIR RECEIVER are the perfect solution in applications where reliable, condensate-free compressed air is required.



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40 HP AND 50 HP

Model	HP	S.C.F.M.			Dimensions (inches)			Weight (lbs)
		100 psi	120 psi	145 psi*	Height	Width	Depth	
SC40	40	174	165	153	72.5	29	47	1265
SC50	50	219	212	200	72.5	29	47	1265

*Standard pressure is 120 PSI, 145 and 175 PSI is optional

TO MAINTAIN WARRANTY USE ONLY ORIGINAL DV SERVICE PARTS

INDUSTRIAL ROTARY SCREW COMPRESSOR PACKAGES

Each Package includes:
 air compressor,
 air receiver,
 dryer,
 10 micron air filter and
 1 micron air filter.
 Filter canisters are included.



Model	cfm	Tank (gal)	Tank P.N.	Dryer	Filter/Sep 10m	Filter/Sep 1m
SC40PK	165	240	TA-9008-2	ASD150	SAF-S-177	SAF-A-177
SC50PK	212	240	TA-9008-2	ASD200	SAF-S-336	SAF-A-336

BUILT BETTER



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As we are continually trying to improve our products, specifications are subject to change without notice.